Public reporting burden for this	collection of information is estir	nated to average 1 hour per resp	onse, including the time for revie	wing instructions, sea	rching existing data sources, gathering and maintaining the
data needed, and completing a this burden to Department of D 4302. Respondents should be	and reviewing this collection of in Defense, Washington Headquart Deaware that notwithstanding any	formation. Send comments regarders Services, Directorate for Info	arding this burden estimate or an rmation Operations and Reports on shall be subject to any penalty f	y other aspect of this (0704-0188), 1215 Jet	collection of information, including suggestions for reducing ferson Davis Highway, Suite 1204, Arlington, VA 22202- th a collection of information if it does not display a currently
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Distribution statement A - Approved for Public Release: distribution unlimited.					
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Approved for public release per ARDEC memo dated 29 Feb 2012.					
14. ABSTRACT					
This file concerns the research of Anthrax and specifically with Bacillus anthracis.					
15. SUBJECT TERMS					
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16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE	υυ	11	19b. TELEPHONE NUMBER (include area code)
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REPORT DOCUMENTATION PAGE

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#### DEPARTMENT OF THE ARMY US ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND **EDGEWOOD CHEMICAL BIOLOGICAL CENTER** 5183 BLACKHAWK ROAD

ABERDEEN PROVING GROUND, MD 21010-5424

RDCB-DPS-RS

2 9 FEB 2012

MEMORANDUM THRU Acting Technical Director, Edgewood Chemical Biological Center, (RDCB-D/Dr. Joseph L. Corriveau), 5183 Blackhawk Road, Aberdeen Proving Ground, Maryland 21010-5424

FOR Defense Technical Information Center (DTIC), 8725 John J. Kingman Road, Ft Belvoir, VA 22060-6218

SUBJECT: Request for Declassification/Freedom of Information Act (FOIA) Release (OSD MDR Case 10-M-2587)

- 1. The Edgewood Chemical Biological Center (ECBC) received a Request for Declassification from DTIC, which originated from the National Security Archive Gelman Library. The request was for both declassification and FOIA release of the below listed documents:
  - Research and Study Material on Anthrax, Bacillus and Botulism Poisons IRAQ.
- Research Papers on Bacillus Anthraces and Botulism Toxins by Dr. Nasir Abdul Husayn al-Hindawi, Dr. Rihanb Rashid Taha and Dr. Thamir Abdul Rahman Umran.
- 2. The above listed documents have been reviewed by ECBC Subject Matter Experts and ECBC has no objection to either declassification or public release. The Defense Intelligence Agency (DIA) is the Original Classification Authority (OCA) for this report and final release authority lies with their office.
- 3. The point of contact is Mr. Ronald L. Stafford, ECBC Security Specialist, (410) 436-6810 or ronald.l.stafford.civ@mail.mil.

Encl

JUNE K. SELLERS Security Manager

The National Security Archive, Gelman Library, Suite 701, 2130 H Street, NW, Washington, DC 20037 (w/encl)

### The National Security Archive

The George Washington University Phone: 202/994-7000 Gelman Library, Suite 701 Fax: 202/994-7005 2130 H Street, N.W. nsarchiv@gwu.edu Washington, D.C. 20037 www.nsarchive.org

August 30, 2006 Mr. Robert Storer Chief, Declassification and Historical Research Branch Suite 11100 1777 North Kent Street Arlington, VA 22209

Re: Mandatory Declassification Review request, in reply refer to Archive# 20061568DOD256

Dear Mr. Storer:

This is a request for mandatory declassification (MDR) review, under the terms of Executive Order 12958, as amended, for declassification of the following:

All records in the following folders in Official Records of the Deputy Secretary of Defense, located at the Federal Records Center, Suitland, accession 330-06-0046, (location 3/75-13-5.1): Boxes 3 and 4) Iraq Planning & Prep.; WMD; Iraq Post-Saddam; Reconstruction; Insurgency/Jihad; Transition Planning; Strategy; Iraq Post Saddam; Governance

If you have any questions regarding the identity of these records, its location, the scope of the request or any other matters, please call me at (202) 994-7000.

Sincerely yours, Joyce Battle





# DEPARTMENT OF DEFENSE WASHINGTON HEADQUARTERS SERVICES

1155 DEFENSE PENTAGON WASHINGTON, DC 20301-1155



MEMORANDUM FOR DEPARTMENT OF THE ARMY
EDGEWOOD CHEMICAL BIOLOGICAL CENTER
5183 BLACKHAWK ROAD
(ATTN: E3330, ROOM 276)
ABERDEEN PROVING GROUND, MD 21010-5423

SUBJECT: OSD MDR Case 11-M-2587

We request that you review the attached document and respond directly to us upon completion of your review. Clearly mark any portions to be redacted, citing the appropriate exemptions from sections 1.4 and 6.2 of Executive Order (EO) 13526. EO 13526, section 3.5(c), states that Agencies shall release this information unless withholding is otherwise authorized and warranted under applicable law. Section 6.2(d) states that nothing in this order limits the protection afforded any information by other provisions of law, including Freedom of Information Act (FOIA) exemptions. Please expand your review to conduct a "FOIA-like review" and make annotations as appropriate on the document. We are also referring this case to the Defense Intelligence Agency and Central Intelligence Agency. If you have any questions, contact me by e-mail at storer.robert@whs.mil or robert.storer@whs.smil.mil or by phone at 571-372-0483.

Robert Storer

Chief, Records and Declassification Division

Attachments:

1. MDR request

2. Document 1

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UNCLASSIFIED Upon Removal of Attachments



SUBJ: IIR 7 933 0005 05/ DRAGON HUNTER - RESEARCH AND STUDY MATERIAL ON ANTHRAX, BACILLUS AND BOTULISM POISONS - IRAQ (U)

WARNING: (U) THIS IS AN INFORMATION REPORT, NOT FINALLY EVALUATED INTELLIGENCE. REPORT CLASSIFIED CONFIDENTIAL, REL TO

# DEPARTMENT OF DEFENSE

DOI: (U) 19880101.

REQS: (U) DIAC156405503; GOSG181200403; SOSG02356.

SOURCE: (C) (REL) //7 933 0002// INFORMATION FOR THIS REPORT WAS OBTAINED FROM HARMONY DOCUMENT NUMBER CMPC-2003-002040.

SUMMARY: (U) STUDIES PERFORMED BY DR. NASER ABDUL AMEER ((HUSSAIN AL-HINDAWI)), DR. RIHAB RASHID ((TAHA AL-AZZAWI AL-TIKRITI)), THAMIR ABDUL ((RAHMAN)), AND MAJID KHALAF ((ABDULLAH)).

- TEXT: 1. (C//REL) ORIGINAL 216 PAGE ARABIC DOCUMENT RECOVERED BY COALITION FORCES AT THE NATIONAL MONITORING DIRECTORY, BAGHDAD, IRAQ, ON 03 JUN 03.
- 2. <del>(C//REL)</del> THE FOLLOWING IS AN EXTRACT OF A SUMMARY TRANSLATION. REPORT CONTAINS RESEARCH PAPERS AND RESULTS OF EXPERIMENTS ON BACILLUS ANTHRACIS, AND BOTULISM POISONS.
- 3. <del>(C//REL)</del> TRANSLATION READS AS FOLLOWS. A STUDY OF THE DISEASE BACILLUS ANTHRACIS (BA) BY DR. NASER ABDUL AMEER HUSSAIN AL-HINDAWI, DR. RIHAB RASHID TAHA AL-AZZAWI AL-TIKRITI AND THAMIR ABDUL RAHMAN.
- 4. (C//REL) A STUDY OF CULTIVATION AND PRODUCTION OF SPORES OF SOME TYPE OF BACILLUS BY DR. NASER ABOUL AMEER HUSSAIN AL-HINDAWI, DR. RIHAB RASHID TAHA AL-AZZAWI AL-TIKRITI AND THAMIR ABOUL RAHMAN.
- 5. <del>(C//REL)</del> A STUDY ABOUT THE PROPAGATION OF BACILLUS SUBTILIS (BS) SPORES BY DR. NASER ABDUL AMEER HUSSAIN AL-HINDAWI, DR. RIHAB RASHID TAHA AL-AZZAWI AL-TIKRITI AND THAMIR ABDUL RAHMAN.
- 6. <del>(C//REL)</del> THE DEPLOYMENT OF BOTULISM POISON BY USING AIR BOMBS BY DR. NASER ABOUL AMEER HUSSAIN AL-HINDAWI, DR. RIHAB RASHID TAHA AL-AZZAWI AL-TIKRITI AND MAJID KHALAF ABDULLAH.
- 7. <del>(C//REL)</del> PRESERVATION AND STORAGE OF BOTULISM TOXIN UNDER DIFFERENT TYPES OF ENVIRONMENT BY DR. NASER ABDUL AMEER HUSSAIN AL-HINDAWI, DR. RIHAB RASHID TAHA AL-AZZAWI AL-TIKRITI AND MAJID KHALAF ABDULLAH.
- 8. <del>(C//REL)</del> INDUSTRIAL AND LAB PRODUCTION OF BOTULISM TOXIN BY DR. RIHAB RASHID TAHA AL-AZZAWI AL-TIKRITI AND MAJID KHALAF ABDULLAH.
- 9. (C//REL) BIBLIOGRAPHIES PAGES 19 AND 20; 48 THRU 53; 57 AND

11-M-2587

58; 91 THRU 94; 119 AND 120; 159 THRU 168; 194 THRU 198.

10. (C//REL) RESEARCH PAPER COMMENTS - PAGES 170 THRU 193, (INCLUDES CHARTS AND TABLES); PAGES 201 THRU 212.

COMMENTS: 1. (U) THE CBW FUNCTIONAL TEAM HAS REVIEWED THIS IIR AND HAVE NO COMMENTS.

- 2. (U) THE HARMONY DATABASE CAN BE ACCESSED VIA JWICS AT WWW.DOCEX.IC.GOV, PROJECT IRAQI FREEDOM AND VIA SIPRNET/HOCNET AT WWW.NGIC.ARMY.SMIL.MIL/PRODUCTS/DB/HARMONY(UNDERSCORE)S/HOMEPAGE2.HTM L (ALL LOWER CASE EXCEPT THE `H? IN HARMONY AND `S?).
- 3. (U) CONSUMER EVALUATIONS FOR THIS IIR CAN BE SUBMITTED ONLINE VIA SIPRNET AT THE FOLLOWING LINK:

HTTP://ISGMED01.ISG.SMIL.MIL/ISGMAIN/IIRPAGES/EVALS/ISGEVAL.HTM

4. (U) TO AID COLLECTION EFFORTS, SDR'S SHOULD BE SENT TO ISG
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PREP: (U) 7-03759.

ACQ: (U) BAGHDAD, IRAQ (20030603).

DISSEM: (U) FIELD: NONE

WARNING: (U) REPORT CLASSIFIED C O N F I D E N T I A L, REL TO USA, AUS AND GBR.

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DRV FROM: DH HUMINT SCG, MAR 04

DECL: X1

Name: 'UMRAN, THAMIR

Previous Next Query returned 4 of 375964 total documents. Request Upload Displaying hit: 3 Request Translation UNCLASSIFIED//FOUO Original Document Information Classification: UNCLASSIFIED//FOUO Document #: CMPC-2003-002040 English Title: Research Papers on bacillus anthraces and botulism toxin by Dr. Nasir Abdul Husayn al-Hindawi, Dr. Rihab Rashid Taha and Dr. Thamir Abdul Rahman 'Umran (UNCLASSIFIED//FOUO) Language: ARABIC, ENGLISH Inclusive Pages: 216 **Document Date:** Total Pages: 216 Document Type: HANDWRITTEN NOTES/NOTEBOOK, STUDY Format: Project: IRAQI FREEDOM Agency: DIA Country Of Information: IRAQ Title: Originators Classification: UNCLASSIFIED Country Of Origin: Linked Documents CMPC-2003-002040 Original Document Exploitation Status: NOT AVAILABLE Translation Status: NOT AVAILABLE Related Document Numbers **Document Number Document Number Type** CMPC-2003-002040 Harmony Number **Keyword Categories** Keywords BACTERIUM; BIOGRAPHIC INFORMATION; CHEMICAL MUNITIONS; LD-250 AERIAL BOMB; NAME; ORGANIZATION; POISON WEAPON/SHELL; PROJECT; TITLE; TOXIN; BIOLOGICAL WARFARE ASSOCIATED TERMS; BACILLUS ANTHRACIS; BOTULINUM TOXIN; BOTULISM; ENVIRONMENTAL HAZARDS AND POISONS; BOTULIUM; WMD PROGRAMS; BIOLOGICAL; ANTHRAX Facilities Name: TECHNICAL RESEARCH CENTER Biographic Information Name: ABDULLAH, MAJID Name: AL-HINDAWI, NASIR Name: TAHA, RIHAB Name: UMRAN, THAMIR

#### **Document Remarks**

(UNCLASSIFIED//FOUO) This file concerns the research of Anthrax and specifically with Bacillus anthracis. The documents are handwritten Arabic research papers. The authors work for Technical Research Center. The references used in the studies are included and are in handwritten English. The various research papers were: - Study on the Anthrax Bacteria Disease by Dr. Nasir Abdul Husein Al-Hindawi, Dr. Rihab Rashid Taha and Dr. Thamir Abdul Rahman Umran. - Development and Creation of Anthrax Bacteria by Dr. Nasir Abdul Husein Al-Hindawi, Dr. Rihab Rashid Taha and Dr. Thamir Abdul Rahman Umran. - Study on the spread of the Anthrax Bacteria by Dr. Nasir Abdul Husein Al-Hindawi, Dr. Rihab Rashid Taha and Dr. Thamir Abdul Rahman Umran. - Spread of Botulism Poison in the Theatre of Operation by Air Strikes, by Dr. Nasir Abdul Husein Al-Hindawi, Dr. Rihab Rashid Taha and Majid Khalaf Abdullah. - Storage of Botulism Poison and Maintaining its Capability Under Different Environmental Conditions by Dr. Nasir Abdul Husein Al-Hindawi, Dr. Rihab Rashid Taha and Majid Khalaf Abdullah. -

Production of Botulism Poison by Lab and Industrially by Dr. Nasir Abdul Husein Al-Hindawi, Dr. Rihab Rashid Taha and Majid Khalaf Abdullah. - Development of the Clostridium Botulinum virus and its production for Botulism Poison and its effect on animals, authors not mentioned. - There is a handwritten paper in an English version of the previous research, and has the following title: Growth of Clostridium Botulinum, Production of Toxin and its effects on animals, by Rihab R. Taha, Nassir Al Hindawi and Majeed Khalaf, Technical Research Center. The following is a summary of the contents of the research papers: - Guinea pigs were destroyed within five days and rats or mice within sixteen days, reaction was visible on the first day when the dose was increased. - A dose 2 by 10x8 on the dogs resulted in symptoms within five days. - If given through an exposed area or an injury, symptoms were visible within 72 hours with bleeding from the nose. - "Bacteremia" took place in the destroyed animals. - Historical background of Anthrax in the "Introduction" part of the report which goes back to the period before BC, however most of the research was done during 1800s. - Details on the materials and the methods used. - Results and discussions. The results discussed are mainly from what the western scientist had done earlier. - Hard to see four photographs of animals and experiments with explosions. Six tables displaying the period of lab animal death injected with anthrax. - Tables and a graph showing the effect of light density in relation to the time in relation to the increase of the quantity in bacteria. -Tables showing the effect of chemical materials with the light density in relation to the time in relation to the increase of the quantity in bacteria. - Tables and a number of graphs in circles showing the spread of the Anthrax bacteria in terms of distance after exploding certain devices. - Tables showing storage of Botulism Poison under different temperatures and one temperature but for different days and months.

Batch Information

Batch Number: 3170-2

Boxes in Batch: 1

Capture Information Capturing Unit: TF 20 Date/Time of Capture: 20030600 Coordinates: UNK Identity of Source: NMD

Transmittal Information Date/Time of Arrival:20030600

UNCLASSIFIED//FOUG

## B0140198

دراسة حول امراضية بحقوا المجرة الحبينة. Bacillus anthracis

د. ناهرعبدالحسين الهنادي د. رهاب رشيدهه تامر عبد الرهن عراف

## الخارمية

وهدان ترابة 200 خلية ففرية من كتربا عمرة الحلومات طنازير غيبا عن فريق الحنين فيول فست المار . هدات الحيرات في المنازي غيبا عن فريق الحنين فيول فست المار . هدات الحيرات المحتونة بدلا مرازة في الفيرات المحتونة بدلا مند زيارة هرعة المنت الى 2x و/ خلية . هدات المنت الى 2x و/ خلية . كان استنمام سيرات المرة الحبيثة مهلكة للمونان المنتربة كذاك لكنو اقل منا المحتونة في الحرانات المهالكة بعد 1/ لوماً من ما الحقن .

ادئ متن الكرب بـ 2 × 0/ سبور المافلير الوطمن في ليوم الماسر.
وهيرليو في اليرم العاشر ركانت المرعة المهلة للكرب مجيور المن سبور
بعد تنتيذ هذه ليكرا بحتن السبرات في الحيوانات المنترية فم اعادة
عزليو منه احت و المهرانات الحلاكة رهتنو عبداً في الحيرانات المحتاث و
ا مراضية وفاحمة بعد تعليم علا الحيرانات الموانات الموانات

عندات على الإعلان المن المن المن في الله المن المن عن فريق فيس فيس في الله المن عن فريق فيس

ادن اسارب ثليث الجروع الداف الله المثل الما تم ارتفاع درجه لمرق ا استستاء في منافقة الحراث الم الهرك بيد كالاساعة . ديد تعرفين الخزاف الى سيرات هذه المرادة عن عرف الاستنشاف

-1- 25

سبة الحريدة على المراك بعد الحافيد الروافي المرفية ليمز الزن المرفية عالى المن المرفية عالى المرفية عالى المن المرفية عالى المنان من الرفية عالى المنان رفعة المحل المثان رفعة المرفية عين والمون المرفية في المون وعم عن المرف عيم المون وعم عن المدى وحمة المرفودة في المون على المناف ( Bacteremia ) .

# 303 A0198

## المتدمسة

يرفع ذكر مرف الجرة الحنية الى ذين فهور التوراة رئان ا رك مرف مب من احد بكتيرف الجرة الحنية الى ذين فهور التوراة رئان ا رك مرف مب من احد بكتيرف الجرة الحنية والذي ذكر في ثقاب المنود فت المرة الحنية والذي ذكر في ثقاب المنود فت المراس عام 149 ق.م. ورحمن كرض ما كم سؤرتها و المعرب . ترفيد المرات عميرة لوصاب الانسان بهذا المرف في مالات المعرب . ترفيد المرات عميرة لوصاب الانسان بهذا المرف في مالات قديمة للهندس والدفرين . وصن انها المرف الحيرة المنية فلال فترة الوسراطر رئية الروا ني م م عرد وراد الموراطر رئية الروا ني م م عن الموراد المرف المنت السود المواجه المواجه المناف المرف المنت السود المحالة المرف المعمد من حالات الميلال في المواف المرف المارة الميلال في المرف المناف والمحالة المرف المرف المرفع المرف المرفع المرف المرفع المرف المرفع ا

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COUNTRY: (U) IRAQ (IZ).

IPSP: (U) IFC1584; IFC2420,